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(21) International Application Number: PCT/US99/26726 (22) International Filing Date: 10 November 1999 (10.11.99) (30) Priority Data: 60/110,817 12 November 1998 (12.11.98) US 09/196,339 19 November 1998 (19.11.98) US (71) Applicant (for all designated States except US): AC PROPERTIES B.V. [NL/NL]; Parkstraat 83, NL-2514 JG 's Gravenhage (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): GOTTSMAN, Edward [US/US]; 1625 Asbury Avenue, Evanston, IL 60201 (US). BRODY, Adam [US/US]; 915 West Montana Street Apt. G4, Chicago, IL 60614 (US). (74) Agent: STEPHENS, L., Keith; Hickman Stephens & Coleman, LLP, P.O. Box 52037, Palo Alto, CA 94303 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR ADVANCED MOBILE BARGAIN SHOPPING		
(57) Abstract		
<p>A system is disclosed that facilitates web-based comparison shopping in conventional, physical, non-web retail environments. A wireless phone or similar hand-held wireless device with Internet Protocol capability is combined with a miniature bar code reader (installed either inside the phone or on a short cable) and utilized to obtain definitive product identification by, for example, scanning a Universal Product Code (UPC) bar code from a book or other product. The wireless device transmits the definitive product identifier to a service routine (running on a Web server), which converts it to (in the case of books) its International Standard Book Number or (in the case of other products) whatever identifier is appropriate. The service routine then queries the Web to find price, shipping and availability information on the product from various Web suppliers. This information is formatted and displayed on the hand-held device's screen. The user may then use the hand-held device to place an order interactively.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>900 — BOOK OR OTHER PRODUCT WITH VISIBLE UPC BAR CODE</p> <p>910 — MINIATURE BAR CODE READER</p> <p>920 — IP WIRELESS PHONE OR OTHER HAND HELD DEVICE</p> <p>930 — ANTENNAE TRANSMITS SIGNAL</p> <p>940 — WEB SERVER RUNNING SOFTWARE</p> <p>950 — PRODUCT LOOKUP ON THE WEB</p> <p>960 — BUY PRODUCT ON THE WEB</p> </div> <div style="width: 50%;"> <pre> graph TD 900[900 — BOOK OR OTHER PRODUCT WITH VISIBLE UPC BAR CODE] --> 910[910 — MINIATURE BAR CODE READER] 910 --> 920[920 — IP WIRELESS PHONE OR OTHER HAND HELD DEVICE] 920 --> 930[930 — ANTENNAE TRANSMITS SIGNAL] 930 --> 940[940 — WEB SERVER RUNNING SOFTWARE] 940 --> 950[950 — PRODUCT LOOKUP ON THE WEB] 950 --> 960[960 — BUY PRODUCT ON THE WEB] </pre> </div> </div>		